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10. A method as described in Claim 7 wherein the determination of cellular performance includes the parameters as listed in Table 1.

17. An apparatus for housing cells comprising:

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a container having a plate with a plurality of wells in which cells reside; and

means for introducing to and removing fluids from each well, the introducing means includes a syringe to introduce liquids into and out of a well, vials which hold desired liquids, and a valve to direct fluids to the vials and to paths to the cells in the wells.

20. An apparatus as described in Claim 19 wherein the controller causes the needle to stain a cell in a well when the cell experiences a predetermined biological event.

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21. An apparatus as described in Claim 20 wherein the predetermined biological event includes any of the parameters listed in Table 1.
